

2019

GRADUATION CEREMONIES

THE UNIVERSITY OF ADELAIDE



THE UNIVERSITY
of ADELAIDE



CHANCELLOR'S *Welcome*

On behalf of the University of Adelaide
may I offer sincere congratulations to
you, our new graduates.

You have joined a distinguished community of University
of Adelaide alumni that spans the globe.

As a graduate of the University of Adelaide you hold a degree
that is recognised and valued around the world. Our graduates
have gone on to be pioneers and leaders in many fields – from
science, medicine and engineering, to law, the social sciences
and the performing arts. They have won Nobel Prizes,
distinguished themselves in politics and the arts, and helped
to improve the lives and wellbeing of countless communities.

The University of Adelaide is committed to providing an
inspiring university experience and producing talented and
skilled graduates. I hope that your skills and the friendships
that you have made will endure throughout your life.

You should be proud today of your achievement in completing
your studies, which is the first step on what I trust will be a
satisfying and exciting career.

I would also take this opportunity, on behalf of the University,
to thank those who have supported you and, in many cases,
have made it possible for you to be here today.

You will always remember the University of Adelaide, and I
hope you will consider it a significant part of your life, not
just the past few years while studying, and not just today but
forever. I encourage you to join our network of alumni and
enjoy the benefits of a long association with your University.

My congratulations to you all.

Rear Admiral the Honourable Kevin Scarce
AC CSC RAN (Rtd)
Chancellor





Message from the
**VICE-CHANCELLOR
AND PRESIDENT**

**Congratulations on graduating from
one of Australia's leading universities.**

This ceremony marks the culmination of years of study that now place you into lifelong membership of the University of Adelaide alumni – a group spread across all corners of the globe.

And you follow in the footsteps of extraordinary individuals, including some who have redefined the world as we know it, and many others who are changing their communities for the better each day. Your University of Adelaide degree will open doors to new, transformational opportunities.

Today is about celebrating your achievements with family, friends, members of staff and fellow graduates. I strongly encourage you to maintain those professional connections you have made here: many of them will stay with you for life.

Use your knowledge wisely, be bold and generous in the way you share ideas with others, and always be open to learning.

Well done: you go forward today with the warmest wishes of the University of Adelaide community.

Professor Peter Rathjen
AO, BSc (Hons) (Adel), DPhil (Oxon), Hon DLitt (Tas)
Vice-Chancellor and President

The University of Adelaide GRADUATION TRADITIONS

ACKNOWLEDGEMENT OF COUNTRY

Ngadlurlu Kaurna miyurna tampinhi.
Parna yarta mathanya Wama Tarntanyaku.

University of Adelaide Kaurna yartangka yuwanthi – Tarntanyangga (North Terrace), Waitengga, Thebartonilla, Roseworthyngga kuma. (Lit. the University of Adelaide stands on Kaurna land in Adelaide (North Terrace, Waite, Thebarton and Roseworthy.)

We acknowledge the Kaurna people past and present, the original custodians of the Adelaide plains and the land on which the University of Adelaide campuses are built.

The University’s two Reconciliation Statements, along with the Reconciliation Action Plan support the objectives and strategic directions of the renewed 2019 Tarrkarri Tirrka Aboriginal and Torres Strait Islander Strategy. Together, these statements document the University’s ongoing commitment to Aboriginal and Torres Strait Islander empowerment and self-determination.

The University campuses are located on inscribed country and the land holds many stories, every feature in this landscape is imprinted with

meaning and lore. North Terrace has always been a place of learning where ceremony and conference were hosted annually.

COAT OF ARMS

The University of Adelaide’s coat of arms was granted to the University by the College of Arms, London, in 1925. It is the official symbol of the University and the stamp which ratifies every degree parchment bestowed by the University.

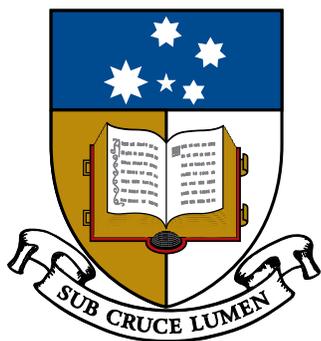
The crest or shield displays an open book and five stars; one of eight, two of seven, one of six and one of five points – representing the Southern Cross. A scroll containing the University’s Latin motto sits directly below the shield; Sub Cruce Lumen, meaning ‘The light (of learning) under the (Southern) Cross’.

BONYTHON HALL

Bonython Hall is the University of Adelaide’s “great hall”. It was built in the years of 1933-1936 using a generous donation of over £50,000 from renowned public benefactor Sir John Langdon Bonython.

Planned construction of Bonython Hall was surrounded in controversy. Colonel William Light, Surveyor-General for the City of Adelaide, had an original vision to extend Pulteney Street north towards North Adelaide. The Adelaide City Council was keen to see his plans carried out.

Following much debate, it was City Alderman and lawyer George McEwin who was able to convince the City Council of the University’s master plan and evolving architectural beauty. Further, he pointed out that the City Council had no legal prerogative to construct roads on the private property of the University.





Consequently construction of the great hall began. This proved a critical juncture in the University's history - resulting in the University of Adelaide expanding to become one of the most picturesque campuses in the country today. Today, Bonython Hall is home to all onshore graduation ceremonies and a number of official University events, including the annual Carols on Campus event in December.

ABOUT THE ORGAN

The organ in Bonython Hall was installed in 2002. Made in England to a tonal design by the leading Dutch firm Johannus Orgelbouw, it uses custom-built speakers to reproduce digital recordings of individual organ pipes with the acoustic qualities of a piped instrument. The four manual instrument is the largest of its type in Australia.

UNIVERSITY MACE

Thousands of years ago the Mace, a heavy club weighted at one end, was used as a blunt weapon in battle. In the sixteenth century the Mace came to be used more ceremonially – representing a symbol of protection of the King. Today, the Mace is celebrated as a symbol and warrant of office, particularly of royal or ecclesiastical office, and of institutions deriving authority from the Crown or Church.

The University of Adelaide Mace was designed by Mr I. Milward Grey of the School of Fine Arts, North Adelaide, and was made under his personal supervision by an Adelaide firm of silversmiths.

The Mace is 24 inches in length and is made of silver gilt throughout. Seventy-three ounces, just over 2kg, of metal was used in its manufacture. The Mace head forms an orb,

representing the world, and features a book, a symbol of learning, and a design of gum leaves on matted ground. On either side of the orb, the University's Coat of Arms is featured along with the motto: *Sub Cruce Lumen*.

The University Mace was first carried by President of the Students Council, K H Boykett, at a Jubilee procession at St Peter's Cathedral in 1926, marking the 50th anniversary since classes first commenced.

The traditional role of the Mace Bearer in the University of Adelaide graduation ceremony is to protect the Chancellor, meaning the bearer of the Mace always precedes the Chancellor in the academic procession.



ACADEMIC DRESS

Academic dress, including the full-length robe, hood and classical headwear, dates back to the medieval 12th and 13th centuries in Europe when universities, as we know them today, were developing.

The regalia were originally worn daily by university scholars for reasons of warmth and to reflect their status in society. The sense of purpose and propriety evoked by formal academic dress has ensured the tradition has been preserved over the centuries.

In contemporary times, academic dress is largely reserved for graduation ceremonies and formal university events.

Gown

University of Adelaide graduates wear black gowns in the Cambridge style, with the exception of:

- Professional Doctorate and PhD candidates whose gowns are black and faced with scarlet
- Higher Doctorate and Doctor of the University candidates who wear scarlet gowns faced respectively with the colour of their discipline or ultramarine blue.

Hood

Professional Certificate and Sub-bachelor graduates do not wear a hood.

Other graduates wear a black hood that displays a colour representative of their discipline area, except that:

- Postgraduate coursework candidates wear a black hood lined in white
- Research masters wear a black hood lined in scarlet
- PhD, Higher Doctorate and Doctor of the University candidates wear a scarlet hood lined in scarlet.

Headwear

Graduates receiving a Professional Certificate, Sub-bachelor Certificate or Diploma, Bachelor, Honours, Graduate Certificate or Diploma or Masters qualification wear a black trencher cap or mortarboard.

Graduates receiving a Professional Doctorate, PhD, Higher Doctorate, Doctor of Medicine or a Doctor of the University wear a bonnet of black velvet.



*Creative Arts
and Architecture*
Cendre Green



Business
Helvetia Blue



*Engineering and related
technologies*
True Purple



Health Sciences
Eosin Pink



*Natural and
Physical Sciences*
Primuline Yellow



*Society, Culture
and Education*
Pale Violet Grey





Information for GUESTS

The following information is provided to ensure the comfort, safety and enjoyment of everyone attending the ceremony. Please take a moment to read before the ceremony commences.

GENERAL

Toilets are located at the entrance to the hall, downstairs from the foyer.

A water cooler for your use can also be found in the foyer.

Please supervise babies and young children at all times. If they are disturbing other guests, please take the opportunity to relocate to the foyer.

Please switch off or silence mobile phones for the duration of the ceremony.

APPLAUSE

Guests are invited to applaud each graduate as they are presented on stage.

PHOTOGRAPHY

Guests are welcome to take photographs during the ceremony. However, you are requested not to disrupt the ceremony by leaving your seat or using flash photography.

Professional photographers will take a photograph of each graduate as they are presented on stage. These photographs will be available immediately after the ceremony

from GFP Graduations, who will be temporarily located on the Goodman Lawns.

Alternatively graduates can order their stage photos online after the ceremony.

SAFETY AND EMERGENCY

For safety reasons guests may not enter the galleries upstairs or sit on the steps in the balcony area.

Emergency exits are marked on the plan below. Please note your nearest exit.

The emergency assembly point is on Goodman Lawns, west of the hall.

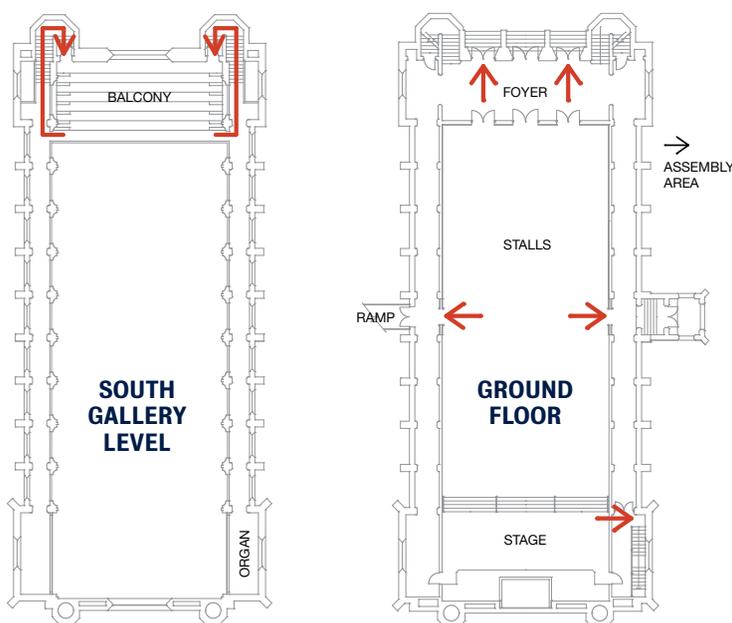
If it becomes necessary to evacuate Bonython Hall, an announcement will be made. Follow the directions of the Ushers, exit the hall and move to the assembly point. Guests in wheelchairs should exit the hall via the eastern entrance.

ADDITIONAL INFORMATION

Student Ushers in white shirts can provide further information and assistance.

The ceremony will last around 70 minutes.

Bonython Hall emergency exits





Order of PROCEEDINGS

Before the ceremony, music will be played on the Bonython Hall Organ by Haowei Yang (Student in the Elder Conservatorium of Music).

JS Bach: *Schmücke dich, o liebe Seele* and L Vierne: *Carillon de Westminster*

THE ACADEMIC PROCESSION (*please stand*) will enter Bonython Hall

Trumpet Tune and Air by Henry Purcell, arr. Howarth, performed by the Elder Conservatorium Brass Ensemble.

- Marshals
- Doctorates in all Faculties/Schools
- Heads of Affiliated Colleges
- Academic and Graduate Staff
- Executive Deans and Heads of Schools
- Senior University Officials
- The Valedictorian
- The Orator
- The Vice-Chancellor
- The Mace Bearer
- The Deputy Chancellor

THE NATIONAL ANTHEM

to be sung by Charlotte Kelso DipA, BA/BMus(Clas)

*Australians all let us rejoice, For we are young and free;
We've golden soil and wealth for toil, Our home is girt by sea;
Our land abounds in nature's gifts Of beauty rich and rare;
In history's page, let every stage Advance Australia Fair.
In joyful strains then let us sing, Advance Australia Fair.*

Guests to be seated

WELCOME BY THE DEPUTY CHANCELLOR

The Honourable Catherine Branson AC QC

THE OCCASIONAL ADDRESS to be given by Emeritus Professor Colin Douglas Matthews AO, MB ChB, MD, FRCOG, CREI

THE MACE BEARER THANKS THE ORATOR

Dr Melissa Emma Middeldorp will thank the orator

CERTIFICATION STATEMENT by the Vice-Chancellor

Professor Peter Rathjen AO BSc (Hons) (Adel), DPhil (Oxon), Hon DLitt (Tas)

PRESENTATION OF AWARDS by Faculty/School

VALEDICTORY ADDRESS given by Dr Bernard John Evans

CLOSING REMARKS given by The Honourable Catherine Branson AC QC

THE ACADEMIC RECESSION (*please stand*) The academy will leave Bonython Hall in reverse order to that of entry, followed by the new graduates. During the recession, the organist will play CM Widor: *Toccata from Symphony No. 8*

Guests are requested to remain standing while the procession is leaving Bonython Hall.

Presentation of AWARDS



Conferral of the HONORARY DEGREE

Presented by the Vice-Chancellor and President Professor Peter Rathjen
AO BSc (Hons) (Adel), DPhil (Oxon), Hon DLitt (Tas)

Doctor of Medicine (honoris causa)

Emeritus Professor Colin Douglas Matthews AO, MB ChB, MD, FRCOG, CREI

Faculty of HEALTH AND MEDICAL SCIENCES

ADELAIDE DENTAL SCHOOL

Presented by the Interim Executive Dean
of the Faculty of Health and Medical
Sciences, Professor Andrew Zannettino
BSc(Hons), PhD

Degree of Bachelor of Dental Surgery

Jarrod Allan Brice
Annie An Hong Pham

Honours Degree of Bachelor of Science in Dentistry

Thomas Norman Corfield
Peter Varga

Graduate Diploma in Forensic Odontology

Ioana Mirela Corfield

Degree of Doctor of Clinical Dentistry

Dr Sanjana Baksi Orthodontics
Dr Fiza Mughal Prosthodontics
Dr Premal Vijesh Kumar Patel Orthodontics
Dr Garima Sharma Endodontics

Degree of Doctor of Philosophy

Dr Rahul Nair

thesis: Psychometric Properties and Structural
Determinants of Oral Care Performance Among
Children in Australia

thesis abstract: This thesis measured the
psychometric properties and structural determinants
of parent-perceived performance of oral care. There
was a lack of instruments with adequate measurement
properties for child oral care performance and a new
instrument was found to have adequate psychometric
properties. Using this new instrument (Child Oral
care Performance Assessment Scale-COPAS), it was
found that smaller states with predominant school
dental services, namely Tasmania and South Australia,
had a higher performance of oral care than the other
states and territories. It was also found that private
dental care facilities benefit non-Indigenous children
more than Indigenous children.

Faculty of HEALTH AND MEDICAL SCIENCES

Presented by the Interim Executive Dean
of the Faculty of Health and Medical
Sciences, Professor Andrew Zannettino
BSc(Hons), PhD

Degree of Bachelor of Health and Medical Sciences

Kelly Artis.....	Medical Sciences
Tom Hamilton Brennan.....	Addiction and Mental Health
Adriano Giuseppe Catalano	Nutritional Health
Sarah Molly Dawson	Neurosciences
Carlie Fryar	Reproductive and Childhood Health
Analise Elizabeth Gehrman	Medical Sciences
Roslyn Ann Heney.....	Reproductive and Childhood Health
Uana Gadienne Jericho.....	Public Health
Kate Louise Matthews.....	Clinical Trials
Tony Thinh Nguyen	Medical Sciences
Daniel Nicholas Pedler	Public Health
Elaheh Rohani Rad.....	Medical Sciences

Degree of Bachelor of Health Sciences

Joshua Armstrong	Physiology
Lauren Kate Chappill.....	Health Promotion and Epidemiology
Patrick Jasper Ey.....	Physiology and Exercise Science
Samara Marie Grimes	Physiology
Halimatul Masrini Binti Haji Masri.....	Anatomical Sciences
Anthony Hoang ..	Pathology and Anatomical Sciences
Lorreta Masamvi	Indigenous Health, Health Promotion
Joel Robert Morgan	Pathology and Physiology
Alexandra Porter	Neuroscience and Pathology
Ella Louise Price.....	Health Promotion
Vanessa Clare Wright.....	Pathology

Degree of Bachelor of Health and Medical Sciences (Advanced)

Daniel Andriske	Clinical Trials
Jana Marta Gropl.....	Neurosciences
Ensieh Hajimotallebi.....	Medical Sciences
Eliza Daisy Williams	Reproductive and Childhood Health

Degree of Bachelor of Health Sciences (Advanced)

Bradley David Condon.....	Human Reproductive Health
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Honours Degree of Bachelor of Health and Medical Sciences

Alexis Jayne Bowen.....	Pharmacology
Sidra Nawaz Khan	Physiology
Khoa Do Dang Lam.....	Obstetrics and Gynaecology
Edward Luong.....	Psychiatry
Teunis Sebastian Overduin	Obstetrics and Gynaecology
Alarmelu Ram	Medicine
Lareesa Marie Ryan	Public Health
Sanjna Singh.....	Medicine

SCHOOL OF PUBLIC HEALTH

Presented by the Interim Executive Dean of
the Faculty of Health and Medical Sciences,
Professor Andrew Zannettino BSc(Hons), PhD

Graduate Certificate in Public Health

Preeti Maharjan
Janet Rebecca Stajic
Sidarong Sun
Sanjay Tanchangya

Degree of Master of Public Health

Vanessa Anfitreato
Bien-Aime John-Baptist Murhimanya
Annette Lyn Purdey

Degree of Master of Biostatistics

Nathanael Christopher Carey Lucas

Degree of Master of Counselling and Psychotherapy

Veni Cakau Masibukui

Degree of Master of Clinical Science

Jamie Raffaele Ianunzio

thesis: Effectiveness of operative interventions in individuals with hemi or total hip arthroplasty who sustain a Vancouver B2 peri-prosthetic femoral fracture

thesis abstract: The objective of this thesis was to identify the effectiveness of operative interventions for individuals who have undergone a hemi or total hip arthroplasty who sustain a Vancouver type B2 peri-prosthetic femoral fracture or equivalent. We conducted electronic searches across seven databases and assessed studies which reported on 5 or more Vancouver B2 periprosthetic fractures and assessed at least one outcome of interest. Thirty-seven studies were finally included in the systematic review. Overall, no management strategies have been shown to be consistently superior for the outcomes included in this systematic review and meta-analyses.

Arisara Patthum

thesis: The Effectiveness and Safety of Neurally Adjusted Ventilatory Assist Mechanical Ventilation Compared to Pressure Support Ventilation in Optimizing Patient Ventilator Synchrony in Critically ill Patients: a Systematic Review and Meta-Analysis

thesis abstract: This dissertation examines the effectiveness and safety of Neurally Adjusted Ventilatory Assist (NAVA) compared with pressure support ventilation (PSV) in optimizing patient ventilator synchrony in critically ill patients. A systematic review and meta-analysis were undertaken to synthesize and analyse the best available data from electronic databases. The meta-analysis of 16 studies suggests that NAVA is associated with a reduction of patient ventilator dyssynchrony frequency compared with PSV. The effect on lowering an intensive care unit mortality from meta-analysis of two randomized controlled trials is uncertain. However, NAVA showed a weak association with reducing of mortality compared with PSV.

Anna Catherine Mauri Pearce

thesis: The Effectiveness of Magnesium for Neuroprotection during Global Cerebral Ischemia Associated with Cardiac Arrest or Cardiac Surgery

thesis abstract: Patients who survive global ischaemia associated with cardiac arrest or cardiac surgery often suffer neurological damage leading to decline in quality of life. This thesis utilised the JBI methodology for quantitative systematic reviews to presents the best available evidence to date on the use of magnesium for neuroprotection in tis patient cohort. Seven trials, 988 participants were included in the review. Three trials were analysed using meta analysis whilst the remainder in narrative form. Although there was significant heterogeneity in the data, this thesis found that magnesium may be beneficial for neuroprotection, and further research is warranted in this area.

Degree of Master of Philosophy (Ophthalmology)

Jack Zi Jie Ao

thesis: Photobiomodulation Laser in Retinal Degeneration

thesis abstract: Photobiomodulation (PBM) which refers to irradiation of tissue with 630-1000nm light, is known to increase cellular energy, decrease oxidative stress and inflammation. Hence, PBM would be a novel neuroprotective therapy for retinal degenerative disease including Retinitis Pigmentosa (RP). Past studies have examined LED based PBM on retina however there is concern of scattering and filtering of incoherent light. Moreover, there is no consensus on optimal treatment parameters. Therefore, the overarching aims of my thesis were to 1) investigate safe optimal dosages of PBM laser in normal rat retinae and 2) examine its neuroprotective efficacy in a RP rodent model.

Degree of Master of Philosophy (Medical Science)

Krystal Lee Iacopetta

thesis: Peripheral-to-Central Neuroimmune Communication and the Sun: Implications for Addiction and Neurodegenerative Disease Pathology

thesis abstract: UVR is an important modifiable risk factor for multiple diseases affecting health. Despite that UVR only comes into contact with two peripheral ports of entry, the eyes and skin, it is evident that effects from UVR extend systemically and influence neuronal circuitry. This thesis has explored two pathways by which the skin may facilitate UVR-mediated skin-to-brain signalling, and the implications of this for neurological disorders. The work presented aims to progress understanding of how peripheral UVR, potentially via the immune system or the vitamin D pathway, can access central circuits and affect neuronal outcomes.

Degree of Master of Philosophy (Clinical Science)

Marianne Yanni

thesis: GBS STUDY: Assessing Disease Burden and Risk Factors for Neonatal Group B Streptococcal Infection to Inform the Best Strategies to Prevent Life Threatening Infections in Newborns

thesis abstract: Objective: To determine perinatal risk factors and incidence of neonatal early-onset and late-onset Group B Streptococcal (GBS) disease in SA and NT.

Methods: Retrospective case-control study design over 16 years. Univariate and multivariate analysis determined risk factors

Results: Incidence was 32/100,000 live births and 17.8/100,000 live births for early and late-onset GBS in SA, and 90/100,000 live births and 17.8/100,000 live births for early and late-onset GBS in NT. Maternal GBS carriage, previous fetal death, and chorioamnionitis were identified risk factors.

Conclusion: Neonatal GBS infection is significant despite screening and management guidelines, implementation of an antenatal vaccination program warrants investigation.

Degree of Doctor of Philosophy

Dr Bernard John Evans

thesis: Neuronal Encoding of Natural Imagery in Dragonfly Motion Pathways

thesis abstract: Vision is the primary sense of most animals, insects are no exception. Here I investigate the physiology of two visual pathways in the third optic ganglion of the dragonfly, one detecting coherent motion across the eye and the second responding to small moving objects within the field of view. I investigate how both systems operate in complex scenes involving images taken from natural environments. I show that the first system comprises many new subtypes of neuron which accurately encode the velocity of moving scenes while the second system encodes features from natural scenes through a sophisticated selective attention network.

Dr Sana Ishaque

thesis: Adaptation and Validation of an Individualised Paediatric Health-Related Quality of Life Measure (Paediatric Measure Yourself Medical Outcome Profile) and its Evaluation in a Clinical Setting

thesis abstract: This thesis examined the use of patient reported outcome measures (PROMs) in clinical settings by conducting a systematic review of randomised controlled trials evaluating the use of PROMs in various different populations. Equivocal evidence on their effectiveness was found. A paediatric adaptation of a popular Measure Yourself Medical Outcome Profile (MYMOP) tool for use in children 7-11 years-old was initiated and content validation of the new tool (P-MYMOP) was conducted. Finally, a feasibility study to examine the clinical implementation of the P-MYMOP was conducted and discussion of accumulated evidence for the planning of further validation of the P-MYMOP follows.

Dr Clarabelle Thuymai Pham

thesis: Evaluation of Services for the Preoperative Assessment and Management of High-Risk Surgical Patients

thesis abstract: This research represents the first comprehensive evaluation of an established physician-led clinic providing preoperative assessment and management to high-risk surgical patients. Using an explanatory sequential mixed methods approach, this evaluation provides a guide to the identification of elective surgical patients who would benefit most from such services. It also provides clarity on the collaborative care provided by the clinic and surgical teams in managing complex patients. This research has demonstrated the need to plan for the robust evaluation of new health service initiatives, which may be facilitated through better co-ordinated planning and evaluation across Australian hospitals.

Dr Kishani Samantha Townshend

thesis: Evolving Emotions: Critically Analysing the Associations between Mindful Parenting and Affect Regulation

thesis abstract: The overall purpose of this dissertation was to critically analyse how mindful parenting is associated with affect regulation to evolve emotions. Four diverse methodologies were utilized to investigate the overarching research aim, namely a systematic review, a repeated measures study, an interpretative phenomenological analysis and structural equation modelling. Although the systematic review was unable to conclusively establish the effectiveness of mindful parenting programs, the other three studies provided suggestive evidence of its effectiveness. Contributions to knowledge include the first systematic review in the field, the anchor as a theoretical model of change, modelling change processes and recommendations for future research.

Dr Christian Vincent Verdicchio

thesis: Exercise in Atrial Fibrillation

thesis abstract: Atrial Fibrillation (AF) is the most common sustained cardiac arrhythmia affecting 1-2% of the global population. Physical inactivity is increasingly recognised to contribute to many of the predisposing conditions linked to AF, but also as an independent risk factor for AF. Therefore, the potential role of physical activity and exercise in both the prevention and management of AF is gaining attention. This thesis focuses on the relationship of physical activity and exercise in both the prevention and management of AF and aims to extend our understanding of the role exercise can play within this emerging field.

ADELAIDE MEDICAL SCHOOL

Presented by the Interim Executive Dean of the Faculty of Health and Medical Sciences, Professor Andrew Zannettino BSc(Hons), PhD

Degrees of Bachelor of Medicine and Bachelor of Surgery

Charles Robert Jones

Siow Wei Shen Glenn

Degree of Master of Minimally Invasive Surgery

Vipulajith Prasantha Gange

Janina Cecylia Kaczmarczyk

Degree of Doctor of Philosophy

Dr Thomas Adam Agbaedeng

thesis: Atrial Fibrillation and Sudden Cardiac Death in Obesity: An Investigation of the Arrhythmogenicity of Epicardial Fat

thesis abstract: The obesity epidemic is implicated in the rising burdens of atrial fibrillation and sudden cardiac death, two major heart rhythm disorders. The benefits of weight loss have been demonstrated for arrhythmias; however, weight fluctuation offsets these effects. Part I of this thesis investigates the pro-arrhythmic mechanisms of weight fluctuation. It demonstrates epicardial fat expansions and fibrofatty infiltrations as prerequisite events, mediating residual atrial electro-structural substrate formation. Part II highlights obesity as a risk modifier of sudden cardiac death, and, on a mechanistic level, drives ventricular epicardial fat expansion and fibrofatty depositions, by activating pro-fibrotic signalling and desmosomal dysfunction.

Dr Alina Arulsamy

thesis: From Trauma to Neurodegeneration: A One-Year Time Progression of Functional Impairments and its Associated Neuropathological Link Following Varied Severity of Experimental Diffuse Traumatic Brain Injury

thesis abstract: Traumatic brain injury (TBI) is associated with increased incidence of neurodegenerative disease later in life, a risk that may vary depending on the severity of the initiating injury. In order to understand the temporal profile of this relationship, this study investigated changes in functional outcomes and associated neuropathology up to 12 months following experimental induction of diffuse TBI of varying severities. Both injury severity and age were important factors in predicting long term outcomes post injury, with moderate/severe TBI associated with subtle cognitive impairments and mild TBI associated with neuropathological changes that could increase the risk of motor neuron disease.

Dr Maureen Diane Busuttill

thesis: The role of magnesium in the treatment of acute asthma in adults and its effects on beta-2 adrenergic receptor function

thesis abstract: Asthma is a respiratory condition which can be life threatening. Treatment options for acute attacks unresponsive to standard care are limited. Magnesium is a potential adjunct for treatment of acute exacerbations, however the evidence in favour of its use is weak due to variability in treatment response. This thesis explores magnesium's potential mechanism of action and the reasons why evidence is lacking. This research identified a potential mechanism of action and provided explanations for the variability in treatment response. Magnesium may be an effective adjunct to treatment of acute asthma in selective sub-groups of asthmatics.

Dr Justin Canuto

thesis: Utilisation of Primary Health Care Services by Aboriginal and Torres Strait Islander Men

thesis abstract: This thesis aimed to better understand the utilisation of primary health care services (PHCSs) by Aboriginal and Torres Strait Islander men. In the context of the social determinants and the socio-political environment, a systematic review and qualitative study were completed which explored the motivators, barriers and enablers of PHCS access. Evidence from the data collected confirms Aboriginal and Torres Strait Islander men are interested in understanding and maintaining their health and well-being. Furthermore, the synthesised evidence provides six recommendations and ten strategies to improve health service delivery and increase service utilisation by Aboriginal and Torres Strait Islander men.

Dr Samuel Paul Costello

thesis: Faecal Microbiota Transplantation for the Treatment of Active Ulcerative Colitis

thesis abstract: Ulcerative colitis (UC) is an inflammatory bowel disease that has high rates of disease flares despite treatment. New therapies are therefore required. This thesis aimed to investigate faecal microbiota transplantation (FMT) as a therapy for UC. A stool bank of screened donor stool containing viable organisms was established. A double-blind randomised controlled trial (RCT) of FMT using anaerobically prepared stool for the induction of remission of UC was undertaken. A meta-analysis including this and three other RCTs was completed. In both the RCT and meta-analysis, donor FMT was more effective at inducing remission in UC compared to placebo.

Dr Andelain Erickson

thesis: Role of Voltage-gated Sodium Channel Isoforms in Electrophysiological Properties of Neurons Innervating the Viscera in Mice

thesis abstract: Chronic visceral pain is a poorly managed symptom of functional and inflammatory gastrointestinal disorders and voltage-gated sodium (Nav) channel modulators are being investigated as an alternative to conventional analgesics. In this study, we showed that Nav1.1, Nav1.7, Nav1.8, and Nav1.9 of the Nav channel family were expressed in dorsal root ganglia in mice, and that all nine Nav isoforms were detected in individual colon- and bladder-innervating sensory neurons. We also showed that inhibition of individual and combinations of Nav channel isoforms using synthetic and peptide modulators effectively reduced excitability of colon-innervating neurons in vitro.

Dr Rachael Louise Farrington

thesis: Herbal Medicine Toxicity, the Role of Adulterants, Contaminants and Pharmacokinetic Interactions

thesis abstract: Complementary and Alternative Medicine (CAM) use continues to rise in Western society. However, these products have been linked to adverse reactions caused by a variety of interacting factors which this thesis sought to investigate. This thesis broadens our understanding of the overall use of CAMs in Australia, shows that there is significant contamination and adulteration in the herbal product market and that toxicity can arise from products not containing contaminants. The findings demonstrate the need for further research into herb-herb interactions to ensure safety for public use.

Dr Celine Gallagher

thesis: Improving Patient Outcomes and Reducing Health Care Burden - The Need for a New Paradigm of Care Delivery for Atrial Fibrillation

thesis abstract: Atrial fibrillation (AF) is the most common cause for cardiovascular hospitalisation in Australia as demonstrated by a study exploring trends over two decades. This thesis explores opportunities to improve outcomes and reduce healthcare burden in AF populations. Integrated care, an alternative model of care delivery, is associated with reductions in all cause mortality and cardiovascular hospitalisations but a brief nurse led education program did not improve quality of life, highlighting the need for interventions of greater intensity to improve outcomes in AF. A review of hospital management of AF demonstrates numerous opportunities to improve patient outcomes and reduce healthcare burden.

Dr Kristin Graham

thesis: The Relationship between Trauma Exposure, Somatic Symptoms and Mental Health in Australian Defence Force Members Deployed to the Middle East Area of Operations

thesis abstract: Physical symptoms are common in deployed military veterans, and aetiological mechanisms are uncertain. This thesis aimed to examine physical and psychological symptom independence and overlap, and to examine the relationship with traumatic deployment exposures (TDEs). Data used were from studies of Australian Defence Force members who deployed to the Middle East Area of Operations. Findings validate physical symptoms as a discrete symptom outcome following deployment, with similar prevalence to psychological and comorbid symptom presentations, and a similar relationship with TDEs, and suggest sub-types of PTSD may exist, differentiated by physical symptoms. Physical symptoms demonstrated good diagnostic utility for PTSD.

Dr Prabin Gyawali

thesis: Sex Hormone-Binding Globulin: Regulation and Role as a Marker of Chronic Disease Risk

thesis abstract: Sex hormone-binding globulin (SHBG) is a dimeric glycoprotein synthesised in hepatocytes and secreted into the blood stream. The binding of sex steroids to SHBG prevents them from degradation. In middle aged and older men, serum concentrations of SHBG decrease in states associated with insulin resistance, where increasing blood sugar and hepatic de novo lipogenesis occur. Further, elevated SHBG concentrations are associated with a greater risk of incident cardiovascular disease but are not associated with type 2 diabetes. A non-secretory form of SHBG is expressed in prostate epithelial cells and the level of expression increases dramatically with more aggressive prostate cancer.

Dr Gabriella Alexandra Heruc

thesis: Insight into Appetite and Blood Glucose Regulation in Anorexia Nervosa and Health: Examining Gastrointestinal Changes in Starvation and with Short-term Refeeding

thesis abstract: This thesis has advanced the understanding of the gastrointestinal mechanisms underlying the regulation of glycemia, appetite and energy intake in both healthy individuals and patients with anorexia nervosa. In anorexia nervosa, starvation elicits changes in the gastrointestinal tract, contributing to glycemic and appetite disturbances, while short-term nutritional rehabilitation results in partial improvements in these gastrointestinal factors. It remains unknown whether longer-term refeeding may fully restore gastrointestinal function or if persistent disturbances contribute to poor treatment outcomes.

Dr Amy Kate Keir

thesis: Clinical Practice of Allogenic Red Blood Cell Transfusion and Fluid Bolus Therapy in Neonates

thesis abstract: This thesis by publication comprises seven chapters encompassing several aspects of transfusion of allogenic red blood cell or boluses of intravenous fluid in neonatal medicine. The work aims to improve the evidence base on which clinical research decisions are made using both of these therapies. It includes two systematic reviews and meta-analyses to address uncertainties in neonatal transfusion practice concerning liberal or restricted transfusion. An in-vitro study designed provided information to inform decisions about transfusion, which led to clinical practice changes, and an observational, cross-sectional study to further understand the use of fluid bolus therapy in neonates.

Dr James Marcus McLean

thesis: The establishment of an automated, electronic data-collection system for the purpose of qualifying, evaluating and improving post-operative surgical outcomes and evidence-based surgery

thesis abstract: The establishment of an automated, electronic data-collection system for the purpose of qualifying, evaluating and improving post-operative orthopaedic surgical outcomes and improving evidence-based surgery. This thesis was primarily aimed at establishing asymptomatic control cohorts for patient reported outcome measures (PROMs) of the hip, knee, shoulder and wrist/hand. The database will be used for future studies when assessing patient cohorts using PROM data over a longitudinal basis. This study has established an electronic database of asymptomatic population values for several shoulder, wrist/hand, hip and knee PROMs in healthy, asymptomatic individuals of different ages, genders, ethnicities, handedness and nationality.

Dr Clare Maree McNally

thesis: An Exploratory Investigation of the Oral Health of Hospitalised Older People

thesis abstract: Medical complexity associated with ageing coupled with low oral health literacy can negatively impact the mouth and dentition. A sample of patients aged 65 years and older admitted to an acute care tertiary hospital were found to have poor oral health, dental infections and lacked routine dental care. It was uncommon for patients to be referred to the on-site dental department. This thesis emphasises the need for oral health to be considered a mandatory component of total patient care and advocates for the increased utilisation of the dental workforce within the hospital and residential care sectors.

Dr Zelalem Addis Mekonnen

thesis: Pre-Clinical Evaluation of a Vaccination Strategy to Induce Liver Resident Memory T Cells against Hepatitis C Virus

thesis abstract: In this thesis a prime/trap vaccination strategy was used to elicit hepatitis C virus (HCV)-specific liver resident memory T cells (TRM). The strategy involves priming of T cells with a DNA vaccine encoding non-structural protein 5B (NS5B) and perforin followed by trapping of primed cells in the liver using recombinant adeno associated virus encoding NS5B. The prime/trap vaccination strategy induced higher avidity and higher magnitude killer T cells and T helper cell responses as determined by fluorescent target array. Tetramer analysis of NS5B-specific CD8+ T cells showed the formation of NS5B-specific CD8+ TRM cells in the liver following prime/trap vaccination.

Dr Melissa Emma Middeldorp

thesis: Characterisation of Atrial Fibrillation Patients: Risk Factors, Progression, Gender and Thrombogenic Risk

thesis abstract: Atrial Fibrillation is the most common cardiac arrhythmia affecting over 33.5 million individuals. This upsurge coincides with the rise in obesity. While initially AF starts with short episodes these become persistent in nature, this can be associated with the number of risk factors an individual has and additionally is the leading cause of stroke. This thesis addresses a number of factors: the risk factors associated with AF, the ability to reverse the disease process with risk factor management, how socioeconomic status plays a role, the part gender plays in outcomes, and the risk of stroke following treatment of AF.

Dr Nurul Hayati Mohamad Zainal

thesis: Examination of Placenta and Child Saliva Samples Associated with Childhood Allergy Development

thesis abstract: Allergic disease has risen to epidemic proportions. Prenatal events are involved in determining childhood allergic susceptibility via environmental influences on placental function and fetal programming in regulating the immune system development. We have demonstrated that protein expression can be altered in-utero in the placental samples of children who subsequently develop an allergy and these altered proteins are detectable in saliva in early life. The identified altered proteins could be important as measures of allergic risk in placenta and saliva, used for an assay development for the newborn allergic risk detection and as targets proteins for interventions that prevent allergy onset.

Dr Julie A Morgan

thesis: The Effects of Long-Term Exercise and Stopping Long-Term Exercise on Behaviours and Neurobiology

thesis abstract: This research addressed the question: “What are the effects of lifelong voluntary exercise and stopping lifelong exercise on depression- and related anxiety- and cognitive-like behaviours and associated TNF signalling in healthy ageing mice?” Mouse models of lifelong exercise and stopping lifelong exercise resulted in significant changes in behaviours including TNF signalling mediated effects of exercise in cognition-like behaviours, but not in anxiety- and depression-like behaviours. Stopping exercise involved significant adverse effects on depression- and related cognitive-impairment behaviours and concerning changes in hippocampal neurobiology. High quality preclinical and clinical studies are needed to extend our findings on these topics.

Dr Cecelia Maree Obrien

thesis: The Contribution of Maternal Obesity to Fetal Body Composition

thesis abstract: Over fifty percent of women entering pregnancy are overweight or obese with well established links with high infant birth weight and childhood obesity. To address the intergenerational effect of obesity, further understanding into the mechanisms underlying fetal body composition is required. We have demonstrated that maternal obesity is associated with higher fetal growth, abdominal adiposity and growth velocity. Adiponectin and triglycerides are relevant cardiometabolic markers. Fetal ultrasound accurately predicts neonatal birthweight, head and abdominal circumference in women who are overweight and obese. Evaluation of interventions to modify fetal body composition through improving maternal health prior to conception are required.

Dr Renée Ormsby

thesis: The Role of the Osteocyte in Periprosthetic Osteolysis

thesis abstract: Management of advanced osteoarthritis often requires total hip replacement surgery, restoring movement and reducing pain. However, prosthesis failure may occur with the development of osteolytic lesions, caused by wear particles released from various prosthesis materials. Wear particles invade the peri-implant tissue, affecting resident cells including osteocytes, the most numerous cell type in bone. Osteocytes regulate bone formation and resorption, and respond to wear particles by inducing bone loss. This thesis describes the osteocyte responses to wear particles, highlighting their potential role as a therapeutic target in preventing the development of osteolytic lesions and subsequent implant failure.

Dr Harshavardini Padmanabhan

thesis: Development of Lentiviral Airway Gene Therapy Aerosol Delivery Techniques for Cystic Fibrosis

thesis abstract: Lentiviral (LV) vectors are a promising gene therapy for cystic fibrosis (CF) lung disease. LV vectors are normally delivered as a liquid in pre clinical studies, but an aerosol could be easier to deliver to CF patients. In this thesis, LV vector was aerosolised using an Aeroneb Pro nebuliser, but gene expression levels were lower than liquid delivery. Studies showed that optimising the delivery parameters improved LV aerosol gene expression compared to baseline; however levels were still lower than bolus delivery. This work identifies areas to focus on to make LV aerosol gene delivery a therapeutic reality.

Dr Uzma Shamsi

thesis: A Multicentre Case Control Study of Vitamin D and Breast Cancer Risk among Pakistani Women

thesis abstract: Main study findings of the matched case control study were that vitamin D deficiency was associated with breast cancer and vitamin D supplements intake was inversely associated with breast cancer among Pakistani women. Other factors associated with breast cancer were poor socioeconomic status, poor education, lack of employment status and high intake of refined grains in diet. The risk of triple negative breast cancer among women with both vitamin D deficiency and poor socioeconomic status was highest. Despite noticing a breast lump, 64.9 percent of women diagnosed with breast cancer delayed medical consultation by a median of 7 months.

Dr Helana Selange Shehadeh

thesis: The Effect of Dietary Micronutrient Supplementation on the Reproductive Health of Obese Males

thesis abstract: This thesis established the impact of dietary micronutrient supplements on the compromised male reproductive health found in obese men and mice. Fertilization rates and embryo development were improved with micronutrient supplement intake in obese men. In addition, sperm DNA damage was reduced, and implantation and live birth rates were improved with micronutrient supplementation in all men regardless of their BMI. Additionally, DNA damage was reduced in the paternal pronucleus of embryos created by sperm from obese male mice fed a micronutrient supplemented diet ultimately demonstrating a reduction in the inheritance of DNA damage from the male germline.

Dr Alexandra Jayne Shoubridge

thesis: A New Role for Peroxidases in Bone Repair

thesis abstract: The use of scaffolds to integrate and deposit bone for the treatment of bone defects has increased significantly over the years. Our laboratory has discovered for the first time that the peroxidase group of enzymes regulate fibroblast collagen biosynthesis, inhibit osteoclast differentiation and promote angiogenesis. This thesis investigated the ability of peroxidases, specifically soybean peroxidase to regulate osteoblast function and assessed its ability to accelerate bone repair using cellular and animal models. We demonstrate that peroxidases, display significant pro-osteogenic potential and promote intramembranous ossification. This thesis provides the first evidence for peroxidases as potential therapeutic agents to enhance bone repair.

Dr Sven Yuri Surikow

thesis: Nitrosative Stress and the Pathogenesis of Takotsubo Syndrome: Insights from a Novel Female Rat Model

thesis abstract: Takotsubo syndrome (TS) mimics heart attacks, with a similar mortality rate, and is seen most commonly in aging women. Understanding of the pathogenesis is incomplete, though it is frequently brought on by an acute stress and associated with significant accumulation of catecholamines. This study sought to broaden our understanding of the myocardial consequences of catecholamine administration, in a rat model, which displayed regional left ventricular dysfunction and inflammatory activation, typical TS characteristics. Experiments in this thesis were the first to describe an association between nitrosative stress and TS, and increased evidence for the crucial role of inflammation in this condition.

Dr Penelope Taylor

thesis: Role of Continuous Glucose Monitoring Technology for Type 2 Diabetes Management

thesis abstract: By 2045, 693 million adults globally will be living with diabetes, up to 91% having type 2 diabetes (T2D). Although diet and lifestyle modification remain a cornerstone of T2D management, alone these are often insufficient to achieve sustained glucose control. In recent times, continuous glucose monitoring technology (CGM) has provided alternative therapeutic approaches, including real-time visual feedback on acute blood glucose responses and inter and intra-day glycaemic variability. The work described in this thesis advances the evidence in support of CGM use in clinical practice in conjunction with a lifestyle modification plan in patients with T2D and obesity.

Dr Bonnie Williams

thesis: Pharmacological Modulation of Inflammation, Bone Loss and Pain in a Murine Model of Inflammatory Arthritis

thesis abstract: Rheumatoid arthritis (RA) is a chronic autoimmune inflammatory disease, resulting in bone destruction and pain. Disease progression is complex and control of bone destruction and pain is challenging despite available treatments. Novel compounds are being developed to target factors involved in inflammation, bone loss and pain concomitantly. Animal models are essential to study the pathogenesis of RA and evaluate novel therapeutics. A mild subacute murine model of RA was optimised in this study to recapitulate pathogenic features of RA, and to assess the efficacy of therapeutics targeting cell proliferation and death, with the potential to treat inflammatory induced bone loss.

Dr Bihong Zhang

thesis: T Regulatory Cells in Early Pregnancy in Mice

thesis abstract: To accommodate the semi-allogeneic fetus, Treg cell-mediated immune tolerance is required. In this study, mouse models were utilised to define the role of seminal fluid contact, and specific cytokines and microRNAs in eliciting Treg cells at the outset of pregnancy. Our data demonstrate that repeated exposure to the same seminal fluid progressively expands the Treg cell pool. IL10, miR-155 and miR-223 were identified as essential for robust Treg cell generation and protection of the fetus from inflammatory challenge. These data build understanding of key factors contributing to Treg cell generation and function in the peri-conception environment.

ADELAIDE NURSING SCHOOL

Presented by the Interim Executive Dean of the Faculty of Health and Medical Sciences, Professor Andrew Zannettino BSc(Hons), PhD

Degree of Bachelor of Nursing

Rani Bhattarai

Tahli Louise Cocking

Taloosay Paw Kyi

Laura Patricia Martinez

Luying Shen

Brianna Kate Sneath

Graduate Diploma in Nursing Science

Anne Cornish
Gabrielle Jansen

Graduate Diploma in Nursing Science (Orthopaedic Nursing)

Maria Janet Cornish
Carolyn Couch
Angela Ann Engelhardt
Nikki Anne Jonas
Jincy Joseph
Clare Anne O'Toole
Arjun Srinivasan Mahadevan
Anya Ying

Graduate Diploma in Nursing Science (Oncology Nursing)

Rebekah Tracey Richards

Graduate Diploma in Nursing Science (Intensive Care Nursing)

Talitha Louise Simoes
Chelsea Uren

Graduate Diploma in Nursing Science (Gerontological Nursing)

Minnie Gim

Graduate Diploma in Nursing Science (Emergency Nursing)

Rachael Lee Atze
David Freer
William John Kepa
Andrew Scott Severin
Siana-Mei Soh
Krishnaveni Somoo
Madeline May Staley

Graduate Diploma in Nursing Science (Cardiac Nursing)

Leah Ruth Kitto
Elizabeth Paige Mayfield
Lanie Sia

Graduate Diploma in Nursing Science (Anaesthetic and Recovery Nursing)

Sarah-Jane Sorensen

Graduate Diploma in Nursing Science (Acute Care Nursing)

Alana Jane Goodacre
Amber Rose Jenkins
Frances Kate McInerney

Degree of Master of Nursing Science (Oncology Nursing)

Wendy Louise Oakley

Degree of Master of Nursing Science (Cardiac Nursing)

Doreen Nyoni

Degree of Master of Nursing Science (Anaesthetics and Recovery Nursing)

Darren James Bradbrook

Degree of Master of Nursing Science

Melissa Lynn Jones
Natasha Deanna Leedham
Majella Anne McKinnon
Seshiru Tsurumi

Degree of Master of Clinical Nursing

Claire Yeoh

Degree of Master of Clinical Science

Dr Louise Anne McGuire

thesis: Developing a model of care for a 4-6 bedded Post Anaesthetic Recovery Unit: a Delphi study

thesis abstract: Traditionally Post Anaesthetic Recovery Units (PARUs) have been structured as open plan rooms where all patients can be seen at all times. However, a new major metropolitan hospital in South Australia was built with 154 beds divided into 4-6 perioperative bed bays. In response to clinician concerns about patient safety in the new PARU, a two round Delphi study was used to garner expert opinion and reach consensus regarding a recommended model of care. The recommended model of care separates different patients and addresses staffing numbers to meet the needs of the patients, staff, the organisation and the profession.

Degree of Doctor of Philosophy

Dr Adrienne Alexis Lewis

thesis: How to Implement and Sustain Better Oral Health in Home Care for Older People: A Realist Mixed Method Case Study

thesis abstract: Oral health is one of the most neglected aspects of care experienced by older people. This thesis brought together current developments in implementation science with realism to better understand the factors that influenced the implementation and sustainability of an evidence-based model, Better Oral Health in Home Care, in routine community aged care practice. Multidimensional contextual factors were found to influence home care staff's ability to implement and sustain oral healthcare at micro, meso and macro levels of practice. Facilitation (role and process) was identified as an essential element with greater inter-sectorial collaboration needed to improve oral healthcare for older people.

SCHOOL OF PSYCHOLOGY

Presented by the Interim Executive Dean of the Faculty of Health and Medical Sciences, Professor Andrew Zannettino BSc(Hons), PhD

Degree of Bachelor of Psychological Science

Ronan Stephen Banks

Skye Kaitlin Barrowcliffe Exercise Science

Tayla May Correll.....Management

Annabel Imogen Foster Human Neurosciences

Hayden Peter Frankhuisen

Harriet Iles

Timothy Gordon Lees

Josephine Wing Kee Liu

Sally Marumahoko

Mary-Rose Alahiotis Mihalopoulos

Matthew David Nelson

Zachary David Shircore History

Emily Anne SikaManagement

Eleanor Lauren Snoswell

David Stubbin

Honours Degree of Bachelor of Psychological Science

Umama Aamir

Shahzeen Aslam

Anneliese Cavallaro

Linnette Yvonne Charanay Chhun

Carley Merissa Davies

Jaclyn Paige Heinrich

Emily Kate Johnson

Kimberly Jade Klassman

Amber Jade Murray

Georgia Adelaide Nelson

Dean Polisena

Trisha Thomas

Leah Nicole Thompson

Degree of Master of Psychology (Organisational and Human Factors)

Claire Elizabeth Jarrett

Matthew Lucas

Degree of Master of Psychology (Clinical)

Sharon Lee Heerebrand

Kate Sarah Pollock

Degree of Doctor of Philosophy

Dr Helen Margret Edwards

thesis: Supporting the Journey of Pregnancy for Women with Type 1 Diabetes

thesis abstract: Despite improvements in care, pregnancy for women with type 1 diabetes remains challenging. Adverse outcomes include congenital anomalies, stillbirth and perinatal mortality. There is evidence pre-pregnancy counselling significantly reduces these risks. However, uptake of this is persistently low. This Thesis firstly explores pregnancy experiences for women with type 1 diabetes, through thematic analysis of online counselling records. This results in presentation of a model of the pregnancy journey. Following this, I develop a Questionnaire, aimed at supporting communication about pregnancy preparation. Finally, I present a qualitative meta-synthesis regarding the usefulness of internet-based resources for type 1 diabetes and pregnancy.

Dr Amber Jae Halliday

thesis: How can we do Positive Education Better? The Role of Student Involvement, Implementation, and Physical Activity in Adolescent Wellbeing

thesis abstract: Schools have a unique opportunity to positively impact adolescent health and wellbeing through positive education, a school-based mental health and wellbeing initiative applied from positive psychology. This research asks the question of how can we do positive education better? It explores factors around its implementation that might make it effective in one school, but not in another. It also investigates evidence for the involvement of physical activity in such an initiative.

Dr Sonya Francesca Vandergoot

thesis: Factors affecting the transfer generalisation and maintenance of interpersonal skills related to conflict resolution and leadership

thesis abstract: This thesis examined the relationship between multiple individual and organisational factors and their influence on the transfer generalisation and maintenance of conflict resolution and leadership skills to the workplace. Different combinations of individual and organisational factors were found to be associated with transfer generalisation or maintenance of skills, or both. This thesis argues that transfer generalisation and maintenance can be overlapping processes in the transfer of complex interpersonal skill-sets. Practical implications include the need for organisations to consider both relevant individual and organisational factors that facilitate training transfer to maximise the cost benefits of their training and development expenditure.

Additional AWARDS

FACULTY OF ARTS

Diploma in Languages

Josephine Wing Kee Liu

Degree of Bachelor of Arts

Lorreta Masamvi Sociology

The University

DOCTORAL MEDAL

Presented by the Vice-Chancellor and
President Professor Peter Rathjen
AO BSc (Hons) (Adel), DPhil (Oxon),
Hon DLitt (Tas)

Dr Qazi G.M. Ziaul Haque



Your **ALUMNI COMMUNITY**

As a graduate of the University of Adelaide, we welcome you to the alumni community.

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We offer a range of diverse and informative publications to keep you informed of the latest news and events across the University.

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REUNIONS

Alumni Reunions provide the opportunity for all alumni – students and staff alike – to revisit the people and places that made their time at the University of Adelaide unique. Find an upcoming reunion at ua.edu.au/alumni/reunions

ALUMNI COUNCIL

As an alumnus, you have the right to vote or nominate members for the Alumni Council which represents the global alumni community's views. The Alumni Council commits to supporting a dynamic and relevant alumni program, for the mutual benefit of alumni and the University.

AWARDS

Our alumni's influence on the world stage is profound, from their efforts advancing the common good to inspiring others to think innovatively and creatively. We are proud to celebrate and acknowledge these achievements each year through an array of alumni awards.

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A gift to the University directly supports students and researchers in realising their potential. Student scholarships are a priority, so that our best and brightest will not miss out on the transformative influence of a tertiary education because of their financial circumstances. Contributions towards cutting-edge, high-impact research ensure that we can tackle the most challenging problems of our time.

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